

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	6	("5268834" "6195430" "6532454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:45
S6	2014	(car vehicle) and speaker and amplifier and phone and (cd dvd tape tuner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:46
S7	86	(car vehicle) and (speaker same amplifier same phone same (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:57
S8	31	(car vehicle) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:52
S9	4	S8 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:47
S10	31	(car vehicle automobile) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:28
S11	1889	audio with mixer with (amplifi\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:29

S12	238	(audio with mixer with (amplifi\$5)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:14
S13	44	(audio with mixer with (amplifi\$5)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:58
S14	12	(audio with mixer with (amplifi\$5) and (car vehicle automobile)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 10:00
S15	10256	(echo with cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:12
S16	91	(echo with cancel\$3 with cascadi\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:05
S17	0	S16 and ((noise echo) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17
S18	0	S16 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17
S19	25	S15 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17

S20	6	S15 and ((noise with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17
S21	33	(echo with cancel\$3 with casc\$4) and (noise with (filter\$3 suppress\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:34
S22	14	"nonlinear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:42
S23	347	nlss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:29
S24	1	S15 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:35
S25	3	S23 and (adaptive with filter\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:37
S26	3	S23 and (voice with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:43
S27	27	S23 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:53

S28	2	nls with noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:45
S29	0	S23 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:53
S30	78	S15 and((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:30
S31	1	S15 and((background environmental) with noise with suppress with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:59
S32	95	(echo with cancel\$3) same ((background environmental) with noise with suppress \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:17
S33	38	S32 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:17
S34	145	(echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:30
S35	72	S34 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:19

S36	158	(echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:29
S37	79	S36 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:19
S38	123460	"455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 18:01
S39	2084	S38 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 17:30
S40	31	S38 and (\$4phone with gps with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 18:03
S41	2228	379/406.01-406.16. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:28
S42	1269	381/71.1-71.14.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:28
S43	223	381/66.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:28

S44	0	S41 and S42 and audio with mixer with (amplifi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:29
S45	6	S41 and S42 and (echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:29
S46	0	S41 and S42 and nlss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:29
S47	0	S41 and S42 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:30
S48	0	S41 and S42 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 17:30
S49	6	S41 and S42 and ((echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:31
S50	9	S41 and S42 and ((echo with cancel\$3) same ((background environmental) with noise))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:31
S51	6	("5268834" "6195430" "6532454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00

S52	3572	(car vehicle) and speaker and amplifier and phone and (cd dvd tape tuner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S53	122	(car vehicle) and (speaker same amplifier same phone same (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S54	47	(car vehicle) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S55	7	S54 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S56	47	(car vehicle automobile) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S57	2114	audio with mixer with (amplifi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S58	259	(audio with mixer with (amplifi\$5)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S59	57	(audio with mixer with (amplifi\$5)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00

S60	14	(audio with mixer with (amplifi\$5) and (car vehicle automobile)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S61	11937	(echo with cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S62	92	(echo with cancel\$3 with casc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S63	0	S62 and ((noise echo) with supress \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S64	0	S62 and ((noise echo) same supress \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S65	27	S61 and ((noise echo) same supress \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S66	8	S61 and ((noise) with supress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S67	33	(echo with cancel\$3 with casc\$4) and (noise with (filter\$3 suppress\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00

S68	15	"non\$linear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S69	441	nlss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S70	1	S61 and S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S71	3	S69 and (adaptive with filter\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S72	3	S69 and (voice with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S73	30	S69 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S74	3	nlss with noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S75	0	S69 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00

S76	106	S61 and((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S77	3	S61 and((background environmental) with noise with suppress with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S78	128	(echo with cancel\$3) same ((background environmental) with noise with suppress \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S79	54	S78 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S80	200	(echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S81	101	S80 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S82	213	(echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S83	108	S82 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00

S84	153028	"455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/25 22:00
S85	3594	S84 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/25 22:00
S86	35	S84 and (\$4phone with gps with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/25 22:00
S87	2446	379/406.01-406.16. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S88	1544	381/71.1-71.14.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S89	309	381/66.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S90	0	S87 and S88 and audio with mixer with (amplifi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S91	6	S87 and S88 and (echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00

S92	0	S87 and S88 and nlss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S93	0	S87 and S88 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S94	0	S87 and S88 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/25 22:00
S95	6	S87 and S88 and ((echo with cancel\$3) same ((background environmental) with noise with (suppress \$4 filter\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S96	10	S87 and S88 and ((echo with cancel\$3) same ((background environmental) with noise))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:00
S97	219	379/406.05.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/25 22:03
S98	576	379/406.08.ccls.	USPAT	OR	ON	2009/10/25 22:04
S99	9	piket.in. and echo	USPAT	OR	ON	2009/10/25 22:07

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S100	203	379/406.05.ccls.	USPAT; UPAD	OR	ON	2009/10/25 22:03
S101	590	379/406.08.ccls.	USPAT; UPAD	OR	ON	2009/10/25 22:04

10/ 25/ 2009 11:32:46 PM

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